

What is claimed is:

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1. The use of microparticles hydrophobized with fluorosilanes or -siloxanes for producing surfaces which have self-cleaning properties and a surface structure with elevations which are formed by the microparticles, the surfaces produced having not only self-cleaning properties but also oleophobic, lipophobic and lactophobic properties.

2. The use as claimed in claim 1, characterized in that

the surface structure formed by the microparticles has elevations with a mean height of from 20 nm to 25 μm and a mean separation of from 20 nm to 25 μm .

3. The use as claimed in claim 1 or 2, characterized in that

the microparticles are pyrogenic silica or precipitated silica particles hydrophobized with fluorosilanes or -siloxanes.

4. The use as claimed in one of claims 1 to 3, characterized in that

the surfaces are the surfaces of textiles, advertising media, awning materials, covering films, industrial nonwovens, items of clothing, outdoor clothing, rainwear, workwear, children's clothing, protective clothing, semifinished products, films or articles made of plastic.

5. An article with at least one surface with self-cleaning, hydrophobic, lipophobic, oleophobic and lactophobic properties, produced by the use of microparticles hydrophobized with fluorosilanes or -siloxanes as claimed in one of claims 1 to 4.

6. The article as claimed in claim 5, characterized in that

the article is a textile, an advertising medium, an awning material, a covering film, an industrial nonwoven, an item of clothing, outdoor clothing, rainwear, workwear, children's clothing, protective clothing, a semifinished product, a film or an article made of plastic.